WELDING JOURNAL INDEX

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Liu, C. T., Horton, J. A., David, S. A., and Jemian, W. A. – Welding and Weldability of Nickel-Iron Aluminides, 22-s to 28-s (Jan).
Liu, S., Dallam, C. B., and Olson, D. L. – Flux Composition Dependence of Microstructure and Toughness of Submerged Arc HSLA Weldments, 140-s to 151-s (May).
Lundin, C. D., and Chou, C. P. D. – Fissuring in the "Hazard HAZ" Region of Austenitic Stainless Steel Welds, 113-s to 118-s (Apr).

MacKay, C. A., and Bulwith, R. A. – Silver Scavenging Inhibition of Some Silver Loaded Solders, 86-s to 90-s (Mar).
Majetich, J. C. – Optimization of Conventional SAW for Severe Abrasion-Wear Hardfacing Application, 314-s to 321-s (Nov).
Mangonon, P. L. – Transmission Electron Microscopy of Welded Cb-Microalloyed Steel, 13-s to 19-s (Jan).
Manjoine, M. J. – Creep-Rupture Characteristics of Type 304 Stainless Steel Weldments with Type 308 Stainless Steel Welds at 1100° F, 170-s to 179-s (Jun).
Marsh, C. – Strength of Aluminum Fillet Welds, 335-s to 338-s (Dec).
Matlock, D. K., Olson, D. L., Gibbs, W. S., and Wang, S. H. – High Temperature Impression Creep Testing of Weldments, 153-s to 158-s (Jun).
Mayo, D. E., Thompson, R. G., Dobbs, J. R., and Cassimus, J. J. – The Relationship Between Grain Size and Microfissuring in Alloy 718, 91-s to 96-s (Apr).
McLean, A., Lau, T., and Weatherly, G. C. – The Sources of Oxygen and Nitrogen Contamination in Submerged Arc Welding Using CaO-Al_2O_3 Based Fluxes, 343-s to 348-s (Dec).
Michel, C., Lessard, M., Farard, P., Villemure, D., Boillot, J. P., Cielo, P., and Begin, G. – Adaptive Welding by Fiber Optic Thermographic Sensing: An Analysis of Thermal and Instrumental Considerations, 209-s to 217-s (Jul).
Milewski, J. O., and Patterson, R. A. – GTA Weld Cracking – Alloy 625 to 304L, 227-s to 231-s (Aug).
Moore, T. J., and Glasgow, T. K. – Diffusion Welding of MA 6000 and a Conventional Nickel-Base Superalloy, 219-s to 226-s (Aug).
Munir, Z. A., Calderon, P. D., and Walmsley, D. R. – An Investigation of Diffusion Welding of Pure and Alloyed Aluminum to Type 316 Stainless Steel, 104-s to 112-s (Apr).
Munnig Schmidt-Van Der Burg, M. A., Hoekstra, S., and Den Ouden, G. – Influence of Microstructure on Mechanical Properties of Two Single-Bead Ferritic Weld Metals, 63-s to 70-s (Mar).
Murti, K. G. K., and Sundaresan, S. – Thermal Behavior of Austenitic-Ferritic Transition Joints Made by Friction Welding, 327-s to 334-s (Dec).

Nanstad, R. K., Hebble, T. L., Canonico, D. A., Edmonds, D. P., and Goodwin, G. M. – Analysis of Delta-Ferrite Data from Production Welds on Stainless Steel Pipe, 260-s to 265-s (Sep).

Ohmura, H., and Yoshida, T. – Dissolution and Deposit of Base Metal in Dissimilar Metal Brazing, 1-s to 12-s (Jan).
Olson, D. L. – Prediction of Austenitic Weld Metal Microstructure and Properties, 281-s to 295-s (Oct).
Olson, D. L., Dallam, C. B., and Liu, S. – Flux Composition Dependence of Microstructure and Toughness of Submerged Arc HSLA Weldments, 140-s to 151-s (May).
Olson, D. L., Gibbs, W. S., Wang, S. H., and Matlock, D. K. – High Temperature Impression Creep Testing of Weldments, 153-s to 158-s (Jun).
Olson, D. L., Self, J. A., and Abdulgader, S. A. – Fe-Mn-Ni-Cu-C Filler Metal for Welding Ductile Cast Iron, 322-s to 326-s (Nov).

Patterson, R. A., and Milewski, J. O. – GTA Weld Cracking – Alloy 625 to 304L, 227-s to 231-s (Aug).
Piena, M. J., and Waszink, J. H. – Thermal Processes in Covered Electrodes, 37-s to 48-s (Feb).

Rafiee, M. H., Siddall, W. F., Daikoku, T., Haneda, H., DeLong, J.

F., Bynum, J. E., and Ellis, F. V.—Failure Investigation of Eddystone Main Steam Piping, 271-s to 280-s (Oct).
Rath, B. B., Yu, H. Y., and Imam, M. A.—Study of Mechanical Properties of Weldments by Impression Tests, 55-s to 58-s (Feb).
Rokhlin, S. I., and Adler, L.—Ultrasonic Evaluation of Spot Weld Quality, 191-s to 200-s (Jul).

Savage, W. F., and Walsh, D. W.—Technical Note: Autogenous GTA Weldments—Bead Geometry Variations Due to Minor Elements, 59-s to 62-s (Feb).
Savage, W. F., and Aidun, D. K.—Optimizing Repair Welding Techniques in Cast Steels—Part II, 97-s to 103-s (Apr).
Savage, W. F., and Cieslak, M. J.—Hot-Cracking Studies of Alloy CN-7M, 119-s to 126-s (May).
Savage, W. F., and Walsh, D. W.—Technical Note: Bead Shape Variance in AISI 8630 Steel GTAW Weldments, 137-s to 139-s (May).
Self, J. A., Abdulgader, S. A., and Olson, D. L.—Fe-Mn-Ni-Cu-C Filler Metal for Welding Ductile Cast Iron, 322-s to 326-s (Nov).
Siddall, W. F., Daikoku, T., Haneda, H., DeLong, J. F., Bynum, J. E., Ellis, F. V., and Rafiee, M. H.—Failure Investigation of Eddystone Main Steam Piping, 271-s to 280-s (Oct).
Stout, R. D., and Lathabai, S.—Shielding Gas and Heat Input Effects on Flux Cored Weld Metal Properties, 303-s to 313-s (Nov).
Sundaresan, S., and Murti, K. G. K.—Thermal Behavior of Austenitic-Ferritic Transition Joints Made by Friction Welding, 327-s to 334-s (Dec).

Tange, T., Toyooka, T., Tsunenari, T., and Ide, R.—Fatigue Test of Residual Stress Induced Specimens in Carbon Steel, 29-s to 36-s (Jan).
Thompson, R. G., Dobbs, J. R., Mayo, D. E., and Cassimus, J. J.—The Relationship Between Grain Size and Microfissuring in Alloy 718, 19-s to 96-s (Apr).
Toyooka, T., Tsunenari, T., Ide, R., and Tange, T.—Fatigue Test of Residual Stress Induced Specimens in Carbon Steel, 29-s to 36-s (Jan).
Tsai, M. C., and Kou, S.—Thermal Analysis of GTA Welding Electrodes, 266-s to 269-s (Sep).
Tsunenari, T., Ide, R., Tange, T., and Toyooka, T.—Fatigue Test of Residual Stress Induced Specimens in Carbon Steel, 29-s to 36-s (Jan).

Ueguri, S., Hara, K., and Komura, H.—Study of Metal Transfer in Pulsed GMA Welding, 242-s to 250-s (Aug).

Villemure, S., Boillot, J. P., Cielo, P., Begin, G., Michel, C., Lessard, M., and Farard, P.—Adaptive Welding by Fiber Optic Thermographic Sensing: An Analysis of Thermal and Instrumental Considerations, 209-s to 217-s (Jul).

Walmsley, D. R., Munir, Z. A., and Calderon, P. D.—An Investigation of Diffusion Welding of Pure and Alloyed Aluminum to Type 316 Stainless Steel, 104-s to 112-s (Apr).
Walsh, D. W., and Savage, W. F.—Technical Note: Autogenous GTA Weldments—Bead Geometry Variations Due to Minor Elements, 59-s to 62-s (Feb).
Walsh, D. W., and Savage, W. F.—Technical Note: Bead Shape Variance in AISI 8630 Steel GTAW Weldments, 137-s to 139-s (May).
Wang, S. H., Matlock, D. K., Olson, D. L., and Gibbs, W. S.—High Temperature Impression Creep Testing of Weldments, 153-s to 158-s (Jun).
Waszink, J. H., and Piena, M. J.—Thermal Processes in Covered Electrodes, 37-s to 48-s (Feb).
Weatherly, G. C., McLean, A., and Lau, T.—The Sources of Oxygen and Nitrogen Contamination in Submerged Arc Welding Using CaO-Al_2O_3 Based Fluxes, 343-s to 348-s (Dec).
Wei, P. S., and Giedt, W. H.—Surface Tension Gradient-Driven Flow Around an Electron Beam Welding Cavity, 251-s to 259-s (Sep).
Wilson, R. K., Kelly, T. J., and Bishel, R. A.—Welding of Ductile Iron with Ni-Fe-Mn Filler Metal, 79-s to 85-s (Mar).

Yoshida, T., and Ohmura, H.—Dissolution and Deposit of Base Metal in Dissimilar Metal Brazing, 1-s to 12-s (Jan).
Yu, H. Y., Imam, M. A., and Rath, B. B.—Study of Mechanical Properties of Weldments by Impression Tests, 55-s to 58-s (Feb).